

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF083023AL\  
 Data File : FF013461.D  
 Signal(s) : FID2B.ch  
 Acq On : 30 Aug 2023 14:18  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
 Quant Time: Aug 31 03:47:58 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 081023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 10 16:05:52 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 ul  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18um

| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 11.891 | 2799956    | 20.379 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.76%       |
| 12) S 1-chlorooctadecane (S... | 13.330 | 2125677    | 20.284 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.57%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.279  | 2230655    | 20.876 ug/ml |
| 2) T n-Decane (C10)            | 4.533  | 2260327    | 21.092 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.233  | 2491785    | 21.048 ug/ml |
| 4) T n-Dodecane (C12)          | 6.698  | 2287230    | 21.138 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.328  | 2451863    | 20.685 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.525  | 2282739    | 21.147 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.131 | 2343787    | 21.622 ug/ml |
| 8) T n-Octadecane (C18)        | 11.575 | 2368457    | 21.630 ug/ml |
| 10) T n-Eicosane (C20)         | 12.886 | 2326103    | 21.198 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.498 | 2308405    | 21.011 ug/ml |
| 13) T n-Docosane (C22)         | 14.083 | 2290147    | 20.860 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.188 | 2261464    | 20.584 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.207 | 2206655    | 20.191 ug/ml |
| 16) T n-Octacosane (C28)       | 17.158 | 2142883    | 19.847 ug/ml |
| 17) T n-Tricontane (C30)       | 18.046 | 2154972    | 19.705 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.877 | 2144775    | 18.987 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.661 | 2079132    | 19.573 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.400 | 2072037    | 19.658 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.131 | 2106418    | 20.856 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.027 | 2229858    | 22.435 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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